(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 21 April 2005 (21.04.2005)

PCT

(10) International Publication Number WO 2005/036226 A1

(51) International Patent Classification⁷: 6/43, H01L 31/00

G02B 6/26,

(21) International Application Number:

PCT/IL2003/000833

- (22) International Filing Date: 15 October 2003 (15.10.2003)
- (25) Filing Language:

English

(26) Publication Language:

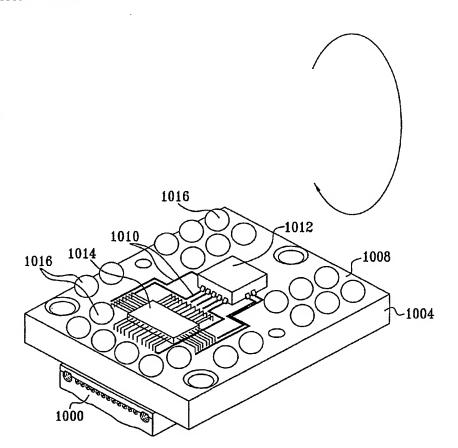
English

- (71) Applicant (for all designated States except US): XLOOM PHOTONICS LTD. [IL/IL]; 11 Derech Hashalom, 67892 Tel-Aviv (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BADEHI, Avner [IL/IL]; Nataf 66, 90804 Mobile Post Harei Yehuda (IL). ROCKMAN, Sylvie [IL/IL]; 24/A Ben Gurion Avenue, 30900 Zichron Ya'akov (IL).

- (74) Agents: SANFORD T. COLB & CO. et al.; P.O. Box 2273, 76122 Rehovot (IL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: ELECTRO-OPTICAL CIRCUITRY HAVING INTEGRATED CONNECTOR AND METHODS FOR THE PRODUCTION THEREOF



(57) Abstract: packaged electro-optic integrated circuit and a multi-fiber connector including an integrated circuit substrate, at least one optical signal providing element, at least one optical signal sensor, sensing at least one optical signal from the at least one optical signal providing element and at least one discrete reflecting optical element, mounted onto the integrated circuit substrate, cooperating with the at least one optical signal providing element and being operative to direct light from the at least one optical signal providing element.

WO 2005/036226 A1



Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.